

CLAIMS:

1. A tire comprising:

- a) a tread region;
- b) a rim region;
- c) a further region disposed between the tread region

and the rim region; and

- d) the further region including a foamed rubber.

2. A tire as in claim 1, wherein:

- a) the foamed rubber of the further region includes a cellular rubber.

3. A tire as in claim 2, wherein:

- a) the cellular rubber of the further region includes a closed cell cellular rubber.

4. A tire as in claim 3, wherein:

- a) the tread region includes a substantially solid rubber.

5. A tire as in claim 4, wherein:

- a) the rim region includes a substantially solid rubber.

6. A tire as in claim 2, wherein:

a) the tread region includes a substantially solid rubber.

7. A tire as in claim 6, wherein:

a) the rim region includes a substantially solid rubber.

8. A tire as in claim 1, wherein:

a) the tread region includes a substantially solid rubber.

9. A tire as in claim 8, wherein:

a) the rim region includes a substantially solid rubber.

10. A tire comprising:

a) a tread region, the tread region including rubber;
b) a rim region, the rim region including rubber;
c) a further region disposed between the tread region and the rim region; and
d) the further region including a closed cell cellular rubber.

11. A tire as in claim 10, wherein:

- a) the tire includes a solid rubber tire.

12. A method of forming a solid rubber tire, comprising the steps of:

- a) providing a mold of the type including a tread region, a rim region, and a further region disposed between the tread region and the rim region;
- b) providing an uncured rubber in a rim region of the mold;
- c) providing an uncured rubber in a further region of the mold, the uncured rubber including a blowing agent for developing closed cells in cured rubber;
- d) providing an uncured rubber in the tread region of the mold; and,
- e) providing a sufficient quantity of the uncured rubber including the blowing agent in the further region of the mold so that in a curing step for the uncured rubber the rubber in the further region exerts sufficient pressure for the formation of closed cells.

13. A method as in claim 12, further comprising the step of:

- a) providing a vent hole in the mold.

14. A method as in claim 12, wherein:

- a) in the step of providing a sufficient quantity of

uncured rubber in the tread region of the mold, the quantity is selected so that its cured rubber volume is in the range of about 2-5% greater than the volume of the tread region of the mold.

15. A method of forming a tire as in claim 12, wherein:

a) in the step of providing an uncured rubber in the further region of the mold, the quantity of uncured rubber is selected so that the cured rubber of the further region includes about a 15% cell structure by volume.

16. A tire as in claim 3, wherein:

a) a cell structure of the closed cells of the closed cell cellular rubber includes about 15% of a volume of the further region.

17. A method of forming a solid rubber tire, comprising the steps of:

a) providing a tread region mold, a rim region mold, and a further region mold;

b) providing an uncured rubber in the further region mold, the uncured rubber including a blowing agent for developing closed cells in cured rubber;

c) providing an uncured rubber in the tread region;

and,

d) providing an uncured rubber in the rim region mold.

18. A method as in Claim 17, further comprising the steps of:

a) curing the rubber in the rim region mold, center region mold, and tread region mold; and,

b) joining the cured tread region to the cured rim region and the cured tread region.

19. A tire as in claim 3, wherein:

a) a cell structure of the closed cells of the closed cell cellular rubber includes about 15% of a volume of the further regions.